NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) ______ are:

A. _____ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ______ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

DRAWINGS, 37 CFR 1.84(a): Acceptable categories of drawings:	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink. Color.	Words do not appear on a horizontal, left-to-right fashion
Color drawings are not acceptable until petiton is granted.	when page is either upright or turned so that the top
Fig(s)	becomes the right side, except for graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism without
1 full-tone set is required. Fig(s)	crowding when drawing is reduced in size to two-thirds in
Photographs may not be mounted. 37 CFR 1.84(e)	reproduction.
Poor quality (half-tone). Fig(s)	Fig(s)
3. TYPE OF PAPER. 37 CFR 1.84(e)	
Paper not flexible, strong, white, and durable.	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
	37 CFR 1.84(I)
Fig(s)	Lines, numbers & letters not uniformly thick and well
Erasures, alterations, overwritings, interlineations,	defined, clean, durable, and black (poor line quality).
folds, copy machine marks not accepted. Fig(s)	Fig(s) 1-6, 16-14,18
Mylar, velum paper is not acceptable (too thin).	Fig(s) 1-6,12-14,18 11. SHADING. 37 CFR 1.84(m)
Fig(s)	Solid black areas pale. Fig(s)
4. SIZE OF PAPÉR. 37 CFR 1.84(f): Acceptable sizes:	Solid black shading not permitted. Fig(s)
21.0 cm by 29.7 cm (DIN size A4)	Shade lines, pale, rough and blurred. Fig(s)
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
All drawing sheets not the same size.	37 CFR 1.84(p)
Sheet(s)	Numbers and reference characters not plain and legible.
Drawings sheets not an acceptable size. Fig(s)	Fig(s)
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Figure legends are poor. Fig(s) 7-11,15-17
The transfer of the trongs receptable margins.	rigule legends are poor. rig(s)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Numbers and reference characters not oriented in the
SIZE: A4 Size	same direction as the view. 37 CFR 1.84(p)(1)
	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
SIZE: 8 1/2 x 11	Figs
Margins not acceptable. Fig(s)	Numbers, letters and reference characters must be at least
Top (T) Left (L)	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Right (R) Bottom (B)	Fig(s)
6. VIEWS. 37 CFR 1.84(h)	13. LEAD LINES. 37 CFR 1.84(q)
REMINDER: Specification may require revision to	Lead lines cross each other. Fig(s)
correspond to drawing changes.	Lead lines missing. Fig(s)
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
Brackets needed to show figure as one entity.	Sheets not numbered consecutively, and in Arabic numerals
Fig(s)	beginning with number 1. Sheet(s)
Views not labeled separately or properly.	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig(s) .	
Enlarged view not labeled separetely or properly.	Views not numbered consecutively, and in Arabic numerals,
Fig(s)	beginning with number 1. Fig(s)
1 18(3)	16. CORRECTIONS, 37 CFR 1.84(w)
7 SECTIONAL MENUS AT SER LOCALINA	Corrections not made from prior PTO-948
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Hatching not indicated for sectional portions of an object.	17. DESIGN DRAWINGS. 37 CFR 1.152
Fig(s)	Surface shading shown not appropriate. Fig(s)
Sectional designation should be noted with Arabic or	Solid black shading not used for color contrast.
Roman numbers. Fig(s)	Fig(s)
	
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REVIEWER J. CHARGE	DATE 9-4 02	TELEPHONE NO. 703305 5430
ATTACHMENT TO PAPER NO.		

REMINDER

Drawing changes may also require changes in the specification, e.g., if

Fig. 1 is changed to Fig. A. Fig. 1Bg Fig. 1Catco, the specification, at the

Brief Description of the Drawing, anust likewise be changed. Please make such changes by 37 CFR 1.312 amendment at the time of submitting

Fine changes include: 37 C/F 1, 12 or 1.17

A. □ Approved by the Drate person indices 37 C/F 1, 12 or 1.17

B. □ A objected to by the Drate person indices and control of 1.152 or 1.1

8. ARRANGEMENT OF VIEWS, 37 CFR 1,840)	3. ORANTAGE, 37 Ct lt 1.846 h. Acuspian's categories of drawings:
1. Correction of Drawings 37 CFR 185	Brock ank Cotes
when page is either upingh, or introd so that the top becomes the right side, except f. = ;copus. (Figis)	Color drawings are not acceptable until petition is granted.
New corrected drawings must be filed with the changes in	corporated thereid aldertifying indiges of herwided
Scale not jurge chough to show the changes in	The Lord of the region of the second of the region of the
should include the title of the invention, inventor's name,	and application number, of docket number (it any) if
an application number has not been assigned to the app	lication. If this information is provided it must be
placed on the front of each sheet and centered within the	top margin. If corrected drawings are required in a
Notice of Allowability (PTOL-37), the new drawings MU	
statutory period set for reply in the Notice of Allowability	Extensions of time may NOT be obtained under the
dei ned, eje an, derante i not res borres violitate de la contra del la contra de la contra de la contra del la c	The state of the s
provisions of 375 FR-1.136(a) (a) (b) for filing the corrected	drawings after the mailing of a Monce of Allowability.
The drawing should be filed as a separate paper with a tra	nsmittal letter addresses to the Official Draftsperson.
Solid black shading not permitted Figis)	4. SIZE OF PAPER. 37 CFR 1.84(;): Accervable sizes: -
2. Corrections other than Informalities Noted by Dra	iftsperson on form PTO-948(d) mar (1/2 vid tex 0.12
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 27 CFR 1.84(p) - : : : : : : : : : : : : : : : : : :	21.6 cm by 27.0 cm (8.1.2.8.1) inchesi All drawing sheets not one same tlue.
All changes to the drawings, other than informalities not	ed by the Draftsperson, MUST be made in the same
manner as above except that normally, a highlighted	(preferably red ink selection of the changes to be
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incorporated into the new drawings MUST be approved by	
No changes will'be permitted to be made, other than c	orrection of informalities, unless the examiner has
approved the proposed change odony a string	Top 2.5 cm Left 2.5 cm Right 1.5 cm Enflorn 1.0 cm
Figs	1) × 2/1 8 :3ZES
Numbers, teators and reten are electrocity of grimm. 32 cm (1/8 inch) in heigh another 19 of grimm.	Margins not acceptable. Fig(s) Left (L) Top (T)
Fig.(3) on (130 mes) in neighbor selections (2)	Right (R) Bottom 160
Applicant is required to suppose the drawings correction	
Applicant is required to submit the drawings correction	
communication. See 37 CFR 1.85(a) t brad	correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2)
 SUMDERING OF SHEETS OF DRAWINGS. BY CSR 1.84(t) Sheets not numbered consecutively, and in Arabic numerals. 	Brackets needed to show treare as one entity.
Failure to take corrective action within the set period wil	
15. NUMBERING OF VIEWS, 37 CFR 1.84(a)	Views not labeled separately or prosperite
Views not numbered consecutively, and in Arabi memerals,	Fig(s)
beginning with number 1. Fig(s) 16. CORRECTIONS, 27 CFR [64 w]	Enlarged view not labeled sepa cicly or emperly. Fig(s)
Conceptors not made from prior PTO-948	
dated	7. SECTIONAL VIEWS, 37 CPR 1.84 (En.7)
17. DESIGN DRAWINGS, 37 CFR 1,152	Hatching not indicated for Scational partitions of air objection
Surface shothing shown not appropriate. Fig(s)	· · · · · · · · · · · · · · · · · · ·
Solid black shading not used for color contrast.	Sectional designation should be noted with Acabic or Roman numbers. Figs.)
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Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

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The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.